



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): L zhong Sun et al.

Title: PROGRAMMABLE FREQUENCY DIVIDER

Application No.: 10/807,852 Filed: March 24, 2004

Examiner: Le, Dinh Thanh Group Art Unit: 2816

Atty. Docket No.: 026-0045 Confirmation No.: 5481

December 16, 2005

Mail Stop Amendment
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
37 C.F.R. § 1.97(c)

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the undersigned brings to the Examiner's attention in the above-identified application the patents, publications, applications or other information identified in the attached:

- Form(s) PTO/SB/08A (1 page(s), with copy of no reference(s)).
- Form(s) PTO/SB/08B (1 page(s), with copy of 3 reference(s)).
- Listing of Pending Applications (N/A page(s), with copy of no application(s)).
- Other: N/A

Citation of such information shall not be construed as (i) an admission that the information necessarily is, or corresponds to, prior art with respect to the instant invention, (ii) a representation that a search has been made, other than as described herein, or (iii) an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

For each item of information listed that is not in the English language, the undersigned has provided a concise explanation of the relevance through (i) an English language abstract, (ii) an English language equivalent application, or (iii) if cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action that indicates the degree of relevance found by the foreign office.

12/21/2005 DTESEM1 00000016 10807852

01 FC:1806

180.00 OP

CERTAIN COPIES NOT INCLUDED

Pursuant to operative regulations, certain copies need not be provided and corresponding information is identified in this Information Disclosure Statement by citation only. In particular,

- In accordance with 37 C.F.R. § 1.98(a)(2)(ii), copies of cited U.S. Patents and U.S. Patent Application Publications are not included.
- Certain information was submitted to, or cited by, the Office in Application No(s). N/A, filed N/A, to which the above-identified application claims priority under 35 U.S.C. § 120. In accordance with 37 C.F.R. § 1.98(d), copies of that information are not included.
- Pursuant to 1287 OG 163 (October 19, 2004), for those cited pending U.S. patent applications filed (or which entered the national stage under 35 U.S.C. § 371) on or after June 30, 2003 or which are otherwise stored in the USPTO's Image File Wrapper system, copies are not included.

FEE AUTHORIZATION

The undersigned believes that this Information Disclosure Statement is being filed before the mailing date of (i) a final action under § 1.113, (ii) a notice of allowance under § 1.311 or (iii) an action that otherwise closes prosecution. Accordingly, this Information Disclosure Statement is accompanied by the fee set forth in § 1.17(p) as follows:

- A check in the amount of \$180.00 is enclosed herewith.
- The undersigned hereby authorizes the Commissioner to charge the fee set forth in § 1.17(p) to Deposit Account No. n/a.

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that, on the date shown below, this correspondence is being

- deposited with the US Postal Service with sufficient postage as first class mail and addressed as shown above.
- facsimile transmitted to the US Patent and Trademark Office.

Date _____

Respectfully submitted,



Mark Zagorin, Reg. No. 36,067
 Attorney for Applicant(s)
 (512) 338-6311 (direct)
 (512) 338-6300 (main)
 (512) 338-6301 (fax)

EXPRESS MAIL LABEL: EV735339014US

PTO/SB/08A (Substitute for form 1449/PTO)	Attorney Docket No.: 026-0045
	Application No.: 10/807,852
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	First Named Inventor: <i>Lizhong Sun et al.</i>
<i>O I P E I M P D E P</i> <i>DEC 16 2005</i>	Filing Date: March 24, 2004
	Group Art Unit: 2816
	Examiner Name: <i>Le, Dinh Thanh</i>
Sheet 1 of 1 <i>MARK OFFICE</i>	Date Submitted: December 16, 2005

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² <i>(if known)</i>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		3,813,610	05-28-1974	Kimura	
		5,425,074	06-13-1995	Wong	
		6,061,418	05-09-2000	Hassoun	
		6,617,893	09-09-2003	Born et al.	
		6,618,462 B1	09-09-2003	Ross et al.	
		6,683,932 B1	01-27-2004	Wood	
		6,807,552 B2	10-19-2004	Bredin et al.	
		6,930,519 B2	08-16-2005	Fallahi et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
Examiner Signature		Date Considered				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional).

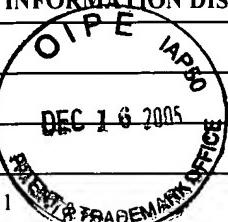
²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3)

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (Substitute for form 1449/PTO)		Attorney Docket No.: 026-0045		
		Application No.: 10/807,852		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: <i>Lizhong Sun et al.</i>		
 DEC 16 2005		Filing Date: March 24, 2004		
		Group Art Unit: 2816		
		Examiner Name: <i>Le, Dinh Thanh</i>		
Sheet 1 of 1		Date Submitted: December 16, 2005		
NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		^{T²}
		Craninckx, Jan and Steyaert, Michiel S. J., "A 1.75-GHz/3-V Dual-Modulus Divide-by-128/129 Prescaler in 0.7-μm CMOS," IEEE Journal of Solid-State Circuits, Vol. 31, No. 7, July 1996, pp. 890-897.		
		Krishnapura, Nagendra and Kinget, Peter R., "A 5.3-GHz Programmable Divider for HiPerLAN in 0.25- μm CMOS," IEEE Journal of Solid-State Circuits, Vol. 35, No. 7, July 2000, pp. 1019-1024.		
		Perrott, Michael Henderson, "Techniques for High Data Rate Modulation and Low Power Operation of Fractional-N Frequency Synthesizers," Dissertation, Massachusetts Institute of Technology, September 1997, pp. 1-199.		
Examiner Signature		Date Considered		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here if English language Translation is attached.